CLAIMS

I claim:

1. A wireless alarm system comprising:

a master control unit;

at least one slave unit; and

at least one remote unit,

wherein the wireless alarm system protects a cargo area of a truck and any containers therein.

2. The wireless alarm system according to claim 1, wherein said master control unit comprises:

at least one control button;

at least one visual indicator;

at least one audible indicator;

at least one input/output connector;

a transceiver;

a processor;

a memory;

an antenna; and

a communication bus to communicatively interconnect the at least one control button, the at least one visual indicator, the

13   at least one audible indicator, the at least one input/output

14   connector, the transceiver, the processing unit, the memory, and

15   the antenna of said master control unit.

1   3.   The wireless alarm system according to claim 2, wherein

2   the memory carries therein computer useable software code which,

3   when executed by the processor of the master control unit,

4   causes the processor to carry out steps comprising:

5   assigning a predetermined wireless frequency to said master

6   control unit;

7   preventing said wireless alarm system to be turned off by

8   anyone except an authorized user; and

9   removing control from an authorized user of said master

10   control unit.

1   4.   The wireless alarm system according to claim 3, wherein

2   the memory carries therein computer useable software code which,

3   when executed by the processor of the master control unit,

4   further causes the processor to carry out steps comprising:

5   activating at least one of said at least one visual

6   indicator if tampering occurs with said at least one of said at

7   least one slave unit.

5.   The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one audible indicator if tampering occurs with at least one of said at least one slave unit.

6.   The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one visual indicator if at least one of said at least one slave unit has been preset with a predetermined frequency of said master control unit wireless, communication between said master control unit and said at least one of said at least one slave unit has been established, and any disruption of wireless communication occurs between said master control unit and said at least one of said at least one slave unit occurs.

7. The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one audible indicator if at least one of said at least one slave unit has been preset with a predetermined frequency of said master control unit wireless, communication between said master control unit and said at least one of said at least one slave unit has been established, and any disruption of wireless communication occurs between said master control unit and said at least one of said at least one slave unit occurs.

8. The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one visual indicator if a door is opened in a cargo area of a vehicle wherein said master control unit resides.

9.   The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one audible indicator if a door is opened in a cargo area of a vehicle wherein said master control unit resides.

10.   The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one visual indicator on said master control unit if a user forgets to turn off the wireless alarm system before unhooking and removing a trailer from a truck cab.

11.   The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

activating at least one of said at least one audible indicator on said master control unit if a user forgets to turn off the wireless alarm system before unhooking and removing a trailer from a truck cab.

12.   The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, causes the processor to carry out steps comprising:

activating at least one of said at least one visual indicator if separation between a cargo area of a vehicle and a cab of the vehicle, within which said master control unit resides, exceeds a predetermined distance threshold.

13. The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, causes the processor to carry out steps comprising:

activating at least one of said at least one audible indicator if separation between a cargo area of a vehicle and a cab of the vehicle, within which said master control unit resides, exceeds a predetermined distance threshold.

14. The wireless alarm system according to claim 3, wherein the wireless alarm system further comprises a reset button interconnected with said master control unit, and the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

resetting at least one of said at least one visual indicator of said master control unit upon depression of the reset button.

15.   The wireless alarm system according to claim 3;
wherein the wireless alarm system further comprises a reset
button interconnected with said master control unit, and the
memory carries therein computer useable software code which,
when executed by the processor of the master control unit,
further causes the processor to carry out steps comprising:

resetting at least one of said at least one audible
indicator of said master control unit upon depression of the
reset button.

16.   The wireless alarm system according to claim 3,
wherein the wireless alarm system further comprises a reset
button interconnected with said master control unit, and the
memory carries therein computer useable software code which,
when executed by the processor of the master control unit,
further causes the processor to carry out steps comprising:

initiating a reset function of said master control unit
upon depression of the reset button.

17. The wireless alarm system according to claim 3, wherein the memory carries therein computer useable software code which, when executed by the processor of the master control unit, further causes the processor to carry out steps comprising:

bypassing at least one of said at least one audible indicator to allow door opening of a cargo area of a vehicle wherein said master control resides; and

illuminating at least one visual indicator to inform a user that said at least one audible indicator of said master control unit has been bypassed and requires resetting.

18. The wireless alarm system according to claim 1, wherein said at least one slave unit comprises:

at least one visual indicator;

a lock;

at least one input/output connector;

a power source;

a transceiver;

a processor;

a memory;

an antenna; and

11 a communication bus to communicatively interconnect the at

12 least one visual indicator, the lock, the at least one

13 input/output connector, the power source, the transceiver, the

14 processor, the memory, and the antenna of the slave unit.

1   19. The wireless alarm system according to claim 1,

2   wherein said at least one remote unit comprises:

3   at least one visual indicator;

4   at least one audible indicator;

5   a transceiver;

6   a power source;

7   a processor;

8   at least one memory device;

9   an antenna; and

10 a communication bus to communicatively interconnect the at

11 least one visual indicator, the at least one audible indicator,

12 the transceiver, the power source, the processor, the at least

13 one memory device, and the antenna of the remote unit.